

Complete Listing of the Claims

This listing of claims replaces all prior versions of claims in the application.

1. (currently amended) A networked system for accessing a piece of content, comprising:

a user Web ~~server~~ service configured to represent a user having an expressed user access scope, the expressed user access scope being expressed in an accessor sentence containing dimensional extents of a security space;

a content Web ~~server~~ service configured to represent the piece of content having an expressed content access scope, the expressed content access scope being expressed in a content sentence containing dimensional extents of the security space; and

a translator configured to translate the accessor sentence and the content sentence into binary sentences, the user Web ~~server~~ service communicating with the content Web ~~server~~ service via a network to access the piece of content when the expressed user access scope overlaps with the expressed content access scope as determined from the binary sentences.

2-3. (Canceled)

4. (currently amended) The networked system of Claim 1, wherein the translator includes a compiler Web ~~server~~ service for compiling the accessor sentence and the content sentence into the binary sentences, each binary sentence comprising binary phrases.

5. (currently amended) The networked system of Claim 4, further comprising an evaluator Web ~~server~~ service for comparing the accessor sentence and the content sentence to determine whether to grant access to the user Web ~~server~~ service so that the user Web ~~server~~ service can access the piece of content.

6. (currently amended) A computer-implemented method for evaluating the scope of a content access request by a user, the method comprising:

requesting a discovery framework by a user Web server service to access a piece of content represented by a content Web server service;

notifying the content Web server service by the discovery framework of the access request by the user Web server service;

translating a user access scope sentence and a content access scope sentence by a sentence translator into binary sentences; and

requesting the discovery framework by the content Web server service for an access evaluator Web server service to evaluate whether an access scope of the user Web server service overlaps with an access scope of the content Web server service as determined from the binary sentences to grant access to the piece of content, the access scope of the user Web server service being conveyed in a first expression independently from a second expression that conveys the access scope of the content Web server service, the access scope of the user Web server service being expressed by the first expression in a user access scope sentence containing dimensional extents of a security space and the access scope of the content Web server service being expressed in a content access scope sentence containing dimensional extents of the security space.

7-8. (Canceled)

9. (currently amended) The method of Claim 6, wherein translating includes compiling the user access scope sentence and the content access scope sentence by a sentence compiler Web server service into the binary sentences, each binary sentence having binary phrases, each binary phrase being a compiled dimensional extent.

10. (currently amended) The method of Claim 9, further comprising evaluating the binary sentences by the access evaluator Web server service, the act of evaluating including comparing each binary phrase of a first binary sentence with each

corresponding binary phrase of a second binary sentence to form a resultant binary sentence.

11. (currently amended) The method of Claim 10, further comprising granting access to the user Web server service if each binary phrase of the resultant binary sentence is greater than zero.

12. (currently amended) The method of Claim 11, further comprising denying access to the user Web server service if one binary phrase of the resultant binary sentence is equal to zero.

13. (previously presented) A tangible and storable computer-readable medium having computer-readable instructions that implement a method for evaluating the scope of a content access request by a user, the method comprising:

requesting a discovery framework by a user Web service to access a piece of content represented by a content Web service, an access scope of the user Web service being expressed in a user access scope sentence containing dimensional extents of a security space and an access scope of the content Web service being expressed in a content access scope sentence containing dimensional extents of the security space;

notifying the content Web service by the discovery framework of the access request by the user Web service;

translating the user access scope sentence and the content access scope sentence by a sentence translator into binary sentences; and

requesting the discovery framework by the content Web service for an access evaluator Web service to evaluate whether the access scope of the user Web service overlaps with the access scope of the content Web service as determined from the binary sentences to grant access to the piece of content.

14-15. (Canceled)

16. (previously presented) The method of Claim 13, wherein translating includes compiling the user access scope sentence and the content access scope sentence by a sentence compiler Web service into the binary sentences, each binary sentence having binary phrases, each binary phrase being a compiled dimensional extent.

17. (Original) The method of Claim 16, further comprising evaluating the binary sentences by the access evaluator service, the act of evaluating including comparing each binary phrase of a first binary sentence with each corresponding binary phrase of a second binary sentence to form a resultant binary sentence.

18. (Original) The method of Claim 17, further comprising granting access to the user Web service if each binary phrase of the resultant binary sentence is greater than zero.

19. (Original) The method of Claim 18, further comprising denying access to the user Web service if one binary phrase of the resultant binary sentence is equal to zero.